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XXXIX. *An Account of an Earthquake at Chattigaon : Translated from the Persian by Mr. Edward Gulston, in the Service of the Honourable East India Company, and communicated by him to the Reverend Mr. Hirst.*

To the Reverend Mr. HIRST.

Reverend Sir,

Read Nov. 17, 1763. **T**HE following was written by a Persian writer, pursuant to an order of Harry Verelst Esquire, chief of the honorable East India company's province Chattgaon, in the kingdom of Bengal, and sent to Calcutta, for the information of messieurs Vansittart, Hastings, and others, acquainted with that language. As it is of indisputable authority, I have taken the pains to copy and translate it for your satisfaction, being,

Reverend Sir,

Your most obedient humble servant,

Calcutta, Nov. 1,
1762.

Edward Gulston.

ACCOUNT

ACCOUNT of an earthquake, which happened in the region of Islamabad on the 22d of the month Chytt 1168 Bengal æra, answering to the 2d of April 1762, on Friday about 5 o'clock in the afternoon, which, according to the best advices, I have written, and now send you.

Particulars are as follow ;

The land of Mohamd Affad Chowdhry of the Pargannah Deeâng, at a place called Barêeah, is laid open by the shock from 10 to 12 cubits in width, and become, as it it were, a deep creek ; the water rising up so, that the ground of the farmers inhabiting the place is 8 cubits overflowed.

And at Deep in the chowdhrâij of Mohamd Athijâr the like hath come to pass.

And Moktârâm Fowtahdar, dwelling at Goyparah, has written, that to the north and east his house was cracked, and water there spouted up like a fountain, and the ground also sinks every day by little and little.

And by letter from Satoo Mester Daroogah of the salt-works at Bansbareeah, it so fell out, that, to the westward, Akl'poorah, an island of the salt-works, was levelled with the water on its east side, and on the north and south the ground opened from 5 to 7 cubits in width, and sunk like a pit to the depth of 10 cubits, the water spouting up ; nor is there the least appearance of it's subsiding : we know not what will come of it.

And from the reports of the people there we hear, that these places were never before overflowed by the
water,

water: we cannot at present tell what misfortune has happened. However all the government's salt was before this laid up in storehouses. Moreover, a mud-building of your servant's (the writer of this account) was almost destroyed by the shock, but it still stands upright.

And at Haldah about 12 doan of land belonging to Sacheeram Cannoongôej is entirely sunk into the water.

In like manner in Takaleeah, about 5 doan of ground, the property of Barjallââl Chowdhry has fallen something below its primitive level.

And at Do Hâzâry, Harry Singh's house, and a brick'd building of Sheer Zaman CHan's came down, and the CHan was hurt by the fall of his; and there opened a cavity like a ditch of 200 cubits in length, which filled with water.

At Howlâ, the house of Shiam Ram taxgatherer, broke down, and his whole inclosure was torn up, and in most places his house and fish-ponds were filled with sand-banks: even now the whole spot is two cubits under water.

And, at Dahrampoor, the house of Santeeram, the Cannoon-Goeys writer, intirely fell down.

The Kutwâll, of Islamabad, also informed us with his own mouth, that, in a place called Baramcharah, the water was up to a man's waist, and the people there have betaken themselves to flight, through fear of perishing; no living creature but the cattle now remaining.

And in the house of Santeeram Cannoon-Goey of Islamabad, a bricked room was ruined, and one of his

his brethren, named Rajah Ram, killed by the fall of the bricks.

And the house of Nandaram coming down in the same manner, a son of his was knocked of the head.

And to the eastward of Kadr Katcheeah a large hill, called Kaddaleah, very near Karn Phooly, was rent, and it stopped up the passage for boats in and out that river.

And at Bajaleeah, Sangotty and Do Hazary creeks were closed up by banks of sand rising from their bottom.

And at Gandarab Jowar, about 3 doan of ground belonging to Mohamd Aly Chowdhry, rent and was swallowed up, and the passage in and out to his house also cleaving asunder; the water rose up and has flowed all round the house.

Moreover (the factory house) a strong building in the fort of Islamabad cracked from top to bottom and tumbled down, and an apartment newly built was also rent.

And to the eastward a large pond of Bilah CHan became a deep gulph; and to the east also of Aghy Gange, belonging to the city of Islamabad, the ground in different places clave asunder, water rising up as from so many springs.

And at Chehpâijttlee about 12 kâty of land belonging to Shâh Sâgier Chowdry was overflowed and rendered unfit for tillage.

And, by letter from Chehtarnarâijn surveyor of the lands, we learn, that the north side of the Chachlah Sowabeel, just by Haldah river, broke down and

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is swallowed up by the river, and also four people were overwhelmed in it's ruins.

And Mr. Griffith's bricked house (in Islamabad) has been cracked, also the house and walls of Juan de Baris, a Portuguese, here.

And from Nahar Charah there is news, that the greater part of the ground of that island clave asunder, and is swallowed up by the waters, and a number of people perished with it. Besides this, the state of that island will be known to you from a Bengal account.

From the Jooms, whose country is about 4 days off from Islamabad, we learn, that Reang Hill split in two and sunk 40 cubits; also that Kachalang Hill is even with the ground.

And Bahngoo Changee, a Joom hill, rent in twain, and is sunk 30 cubits, and the houses of most of the inhabitants in those parts thrown down.

And a Joom hill Chahter Pattuah split by little and little, till it is almost level with the plain: and because of the opening of the hills, and destruction of the trees on them, the way by which the Jooms used to pass is stoped up.

And Bajaleeah, another Joom hill upon the river, opened 30 cubits, and sinking water rose up; and Palang, a Joom hill, split and sunk 25 cubits.

The design of this is to lay before you the wonderful disorders, that have come to pass in these regions, and which continue to happen, insomuch that from the time of Adam untill now, in this place, no one has heard of the like.

If I should describe them with a thousand instances and relations, and make mention of so many particulars, still there would not be a part in ten that I could bring within the compass of writing. But these few particulars I send for your excellency's information.

XL. *An Account of an Earthquake in the East Indies, of two Eclipses of the Sun and Moon, observed at Calcutta: In a Letter to the Reverend Thomas Birch, D. D. Secret. R. S. from the Reverend William Hirst, M. A. F. R. S.*

To the Reverend Thomas Birch, D. D. Secretary to the Royal Society.

Reverend Sir,

Calcutta, Nov. 3d 1762.

Read Nov. 17, 1763. **T**O the inclosed accounts of the transit of Venus, I have subjoined others of an extraordinary earthquake felt in this part of the world, which, I flatter myself, will not be unacceptable to the Royal Society. This earthquake happened the second day of April last, was very violent in the kingdoms of Bengal, Aracan, and Pegu, but particularly at the metropolis of Aracan, where, according to the accounts of an English merchant residing there, the effects have been as fatal as at Lisbon,